

PATENT CLAIMS

1. An arrangement for anchoring of an implant (5) and installation on the implant or implants of a dental structure (37, 50), for example dental bridge, tooth preparation, etc., the respective implant being designed to be recessed in a hole (4) by means of a tightening tool (10) which has first members (11), for example sleeve, screwdriver, etc., which can cooperate with corresponding second members (9), for example an upwardly protruding polygonal socket, helical groove, etc., on the implant, wherein, during anchoring of the respective implant, a sleeve (14) provided with one or more actuating members (15) is designed to be engageable with slight clearance (t) in relation to the upper parts of the implant with the aid of said actuating member or actuating members, and wherein the tightening tool is designed to be applied so as to cooperate with the implant via the sleeve, and wherein, after completed anchoring of the implant and removal of the tightening tool, the sleeve can be removed with the actuating member or actuating members in order to make room for application of members (24, 25) included in the installation.
2. The arrangement as claimed in patent claim 1, wherein the sleeve (14), with the aid of the actuating member (15) or actuating members, can also be removed after a period of time, for example up to 1 hour, has elapsed since completion of the anchoring function.
3. The arrangement as claimed in patent claim 1 or 2, wherein said play lies in the tolerance range of 0.1-0.2 mm.

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4. The arrangement as claimed in patent claim 1, 2 or 3, wherein the members included in the installation comprise a spacer sleeve that can be applied over the second member on the implant, and a guide sleeve which can be arranged relative to the spacer sleeve (24).
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5. The arrangement as claimed in any of patent claims 1-4, wherein the actuating member consists of an outwardly projecting grip part (15).
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6. The arrangement as claimed in any of patent claims 1-5, wherein the actuating member, in addition to serving as a manual actuating member, also functions as an indicator for necessary application before the anchoring, and necessary removal after the anchoring, of the sleeve (14) supporting the actuating member.
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- 20 7. The arrangement as claimed in any of patent claims 1-6, wherein the sleeve (14) supporting the actuating member (15) is arranged to serve as guide member for the tightening tool (10).
- 25 8. The arrangement as claimed in any of patent claims 1-7, wherein the sleeve supporting the actuating member (15) is arranged to serve as protection of the upper contact surfaces (23) of the implant and to prevent accumulation of bacteria on the surfaces in conjunction with the anchoring and transition to the installation.
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9. The arrangement as claimed in any of patent claims 1-8, wherein the actuating member has, starting from the sleeve provided with actuating member, a substantially uniform width and/or uniform thickness.
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10. The arrangement as claimed in any of patent claims

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1-9, wherein the actuating member extends from the sleeve provided with the actuating member at a substantially right angle (α).

5 11. A system permitting anchoring of an implant and installation on the implant or implants of a dental structure (37, 50), for example dental bridge, tooth preparation, etc., the respective implant (5) being designed to be recessed in a
10 hole (4) by means of a tightening tool (10) which has first members, for example sleeve, screwdriver, etc., which can cooperate with corresponding second members, for example an upwardly protruding polygonal socket (9), helical
15 groove, etc., on the implant, wherein identification equipment (33) is arranged to identify a treatment situation on a patient (32) and transfer information (34) dependent on the identified situation to a computer appliance (35),
20 wherein the computer appliance in turn is arranged to determine, as a function of the received information (34), the structure and the anchoring of the respective implant with a sleeve which is provided with one or more actuating members and
25 which can be engaged with slight clearance over upper parts of the implant with the aid of said actuating member or actuating members, and indicate, on the one hand, that the sleeve 14 provided with actuating member is to be arranged to permit application of the tightening tool for cooperation with the implant via its inner parts, and, on the other hand, that the sleeve is to be arranged to be removed with the actuating member or actuating members in order to leave room for
30 application of members (24, 25) included in the installation.
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